SEQUENCE LISTING

<110> Noga, Edward J. Silphaduang, Umaporn

<120> ANTIMICROBIAL PEPTIDES ISOLATED FROM MAST CELLS

<130> 5051.551

<150> US 60/225,354

<151> 2000-08-15

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 22

<212> PRT

<213> Morone saxitilis x Morone chrysops

<400> 1

Phe Ile His His Ile Phe Arg Gly Ile Val His Ala Gly Arg Ser Ile

10

ı

5

15

Gly Arg Phe Leu Thr Gly

20

<210> 2

<211> 22

<212> PRT

<213> Morone saxitilis x Morone chrysops

<400> 2

Phe Phe His His Ile Phe Arg Gly Ile Val His Val Gly Lys Thr Ile

1

5

10

15

```
His Arg Leu Val Thr Gly
       20
<210> 3
<211> 22
<212> PRT
<213> Morone saxitilis x Morone chrysops
<400> 3
Phe Phe His His Ile Phe Arg Gly Ile Val His Val Gly Lys Thr Ile
         5
                      10
His Lys Leu Val Thr Gly
       20
<210> 4
<211> 44
<212> PRT
<213> Morone saxitilis x Morone chrysops
<220>
<221> MISC_FEATURE
<222> (20)..(20)
<223> "X" is either tryptophan or beta-hydroxytryptophan
<400> 4
```

Arg Gln Gly Xaa Arg Ala His Lys Val Val Ser Arg Tyr Arg Asn Arg

Phe Phe Arg His Leu Phe Arg Gly Ala Lys Ala Ile Phe Arg Gly Ala

20

Asp Val Pro Glu Thr Asp Asn Asn Gln Glu Glu Pro

35

40

<210> 5

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 5

His Ile Phe Arg

1

<210> 6

<211> 24

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 6

His Val Ile Gly Arg Phe Ile His His Phe Phe Cys Cys Phe Phe His

1

5

10

15

His Ile Phe Arg Gly Ile Val His